

L0316605046 – Cook County
ABLIN BROTHERS METAL COMPANY
ILD000000000
HRS/SF

CERCLA

Pre-Cerclis Screening Action

US EPA RECORDS CENTER REGION 5



402770



Illinois Environmental
Protection Agency

PRE-CERCLIS SCREENING REPORT

for:

**ABLIN BROTHERS METAL COMPANY
CHICAGO, ILLINOIS**

PREPARED BY:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION

JULY 29, 2005

INTRODUCTION

On February 22, 2005, the Illinois Environmental Protection Agency (Illinois EPA) was tasked by the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct Pre-CERCLIS Screening Assessments on historic lead sites within the Chicago Metropolitan Area. These properties were identified from historic maps and industrial directories that suggest that lead may have been used at these facilities. The Pre-CERCLIS Screening Assessment (PCS) activities will include a review of available information, a visual site reconnaissance, a determination of current land use, and identify the risk for human exposure to potential contaminants on the subject property and adjacent land.

SITE DESCRIPTION

The Ablin Brothers Metal Co. (L0316605046), reportedly located at 3108 S. Robinson Street, Cook County, Chicago, Illinois, has been identified as a potential lead site. This address is located in the near southwest side of Chicago, IL, north of the northwest corner of S. Robinson Street and W. Archer Avenue. Currently, there are no structures at this location nor are there any surrounding this property to the west, north, or east. This property location is now utilized as a base for concrete support pilings for Interstate 55. The property is Illinois Department of Transportation Right-of-Way and enclosed with eight foot high chainlink fence (Photos 1-4). The surrounding area to the south is occupied by commercial and retail businesses, roadways, parking lots, and walkways (Figure -1). Residential structures exist to the southwest, south, and southeast. These structures are both single-family residences and multi-family apartments. Although residential areas exist near this former facility, the likelihood of human exposure to contaminated media, if present, would be low. Current condition of the ground surface at the

former business has been observed to be a gravel cover over which grass and weeds have grown and (as previously indicated) surrounded by fencing. None of the informational resources used to evaluate this location suggest any smelting operations existed at this location. No information was available on State or Federal databases using this location or company name (U.S. Environmental Protection Agency) (Illinois Environmental Protection Agency). No environmental samples were collected during the PCS.

SITE HISTORY

Three historical Sanborn Fire Insurance Maps (Illinois State Library), 1906, 1914, and 1950, were reviewed for evidence that would suggest any metallurgical operations occurred at the 3108 S. Robinson Street address. No reference was made on any of the maps that would suggest smelting operations occurred at that address. However, the Nichol-Straight Foundry Co. was located in an adjacent building to the west. The 1950 Sanborn map indicated that the Allied Barrel & Drum Company was present at 3108 S. Robinson St., the former location of Ablin Brothers Metal Co. Information from the Cook County Assessor's Office and website were used to determine if there was any reference to the Ablin Brothers Metal Co. at the 3108 S. Robinson St. address (Cook County Assessor's Office). None of the records reviewed by the author showed any listing for Ablin Brothers Metal Co. These records contained primarily individual names, rather than company names.

Three editions of the Standard Metal Directory (1940, 1948-1949, and 1963-1964) were reviewed to obtain any information about the Ablin Brothers Metal Co. and location. The 1940 edition indicated that the company was a new metals dealer and/or distributor, and a scrap iron and metal dealer (Standard Metal Directory, 1940). The 1948-1949 edition listed the Ablin

Brothers as a scrap iron and metal dealer (Standard Metal Directory, 1948-1949). The 1963-1964 edition contained no listing of Ablin Brothers Metal Co. (Standard Metal Directory, 1963-1964). Based on the information available, it appears metallurgical activity may have occurred on site, however no smelting activity was noted.

RECOMMENDATION

Based on the findings of this Pre-CERCLIS Screening, the author of this report recommends that the Ablin Brothers Metal Co. property, located at 3108 S. Robinson Street., Chicago, IL, not be added to the CERCLIS data base. A review of available information (refer to reference list) suggests that the Ablin Brothers Metal Co., was not a smelting operation. As indicated in the Site Description section of this report, current conditions at the Robinson Street location pose little threat to human exposure, should contaminated media exist.

ATTACHMENTS

Figures 1-2 Topographic Map & Aerial photo showing site location and surrounding properties (TerraServer-USA).

Figure 3 Sanborn Fire Insurance Map of site location and surrounding properties.

Photos 1-4

REFERENCES

Cook County Assessor's Office, <http://www.cookcountyassessor.com/filings/gis.asp>

Illinois Environmental Protection Agency, <http://www.epa.state.il.us>

U.S. Environmental Protection Agency, <http://www.epa.gov/superfund/sites/cursites/index.htm>

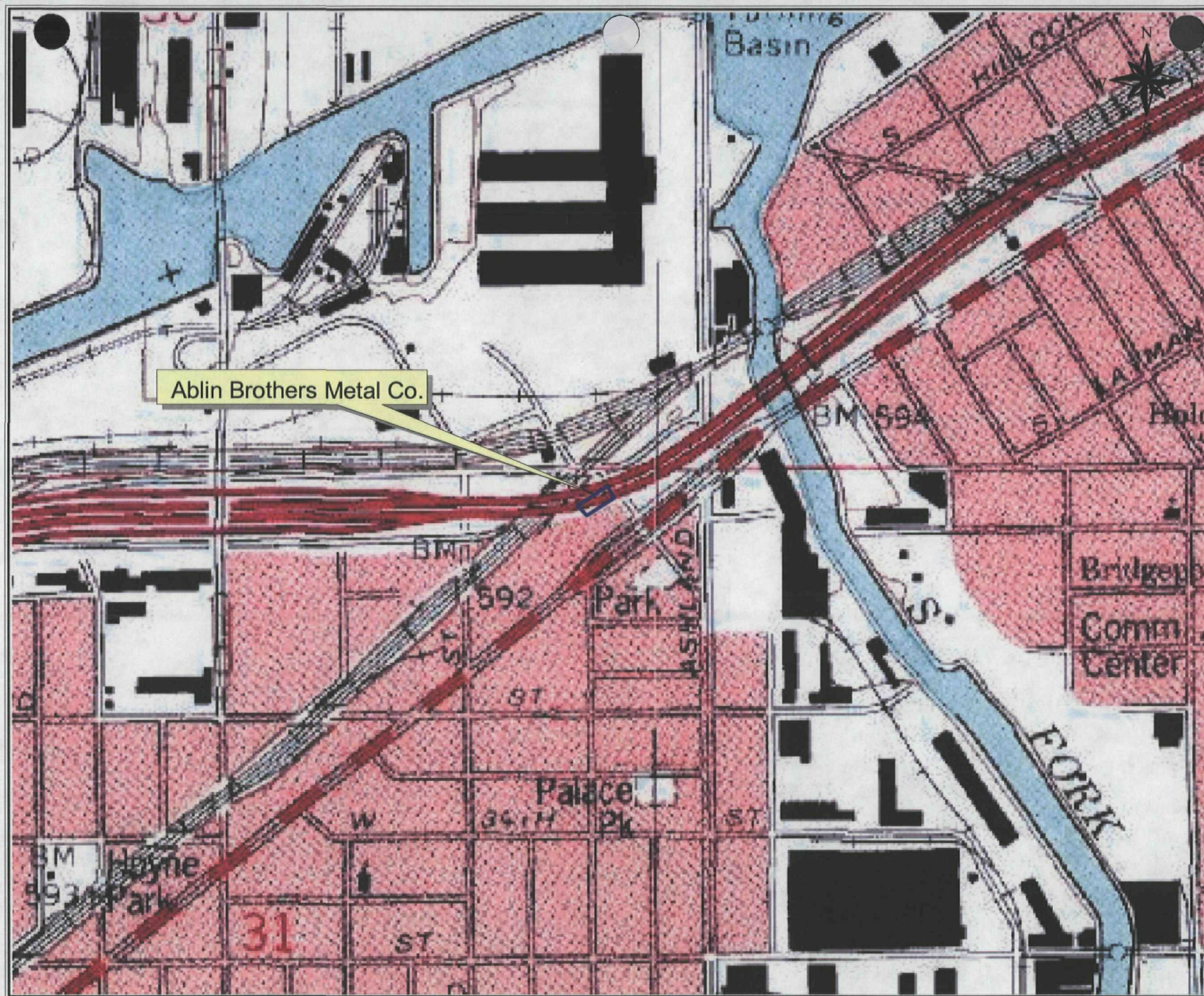
Sanborn Fire Insurance Maps (Illinois State Library)

Standard Metal Directory, Eighth Edition 1940, Atlas Publishing Company, 150 Lafayette St., New York, Copyright 1939.

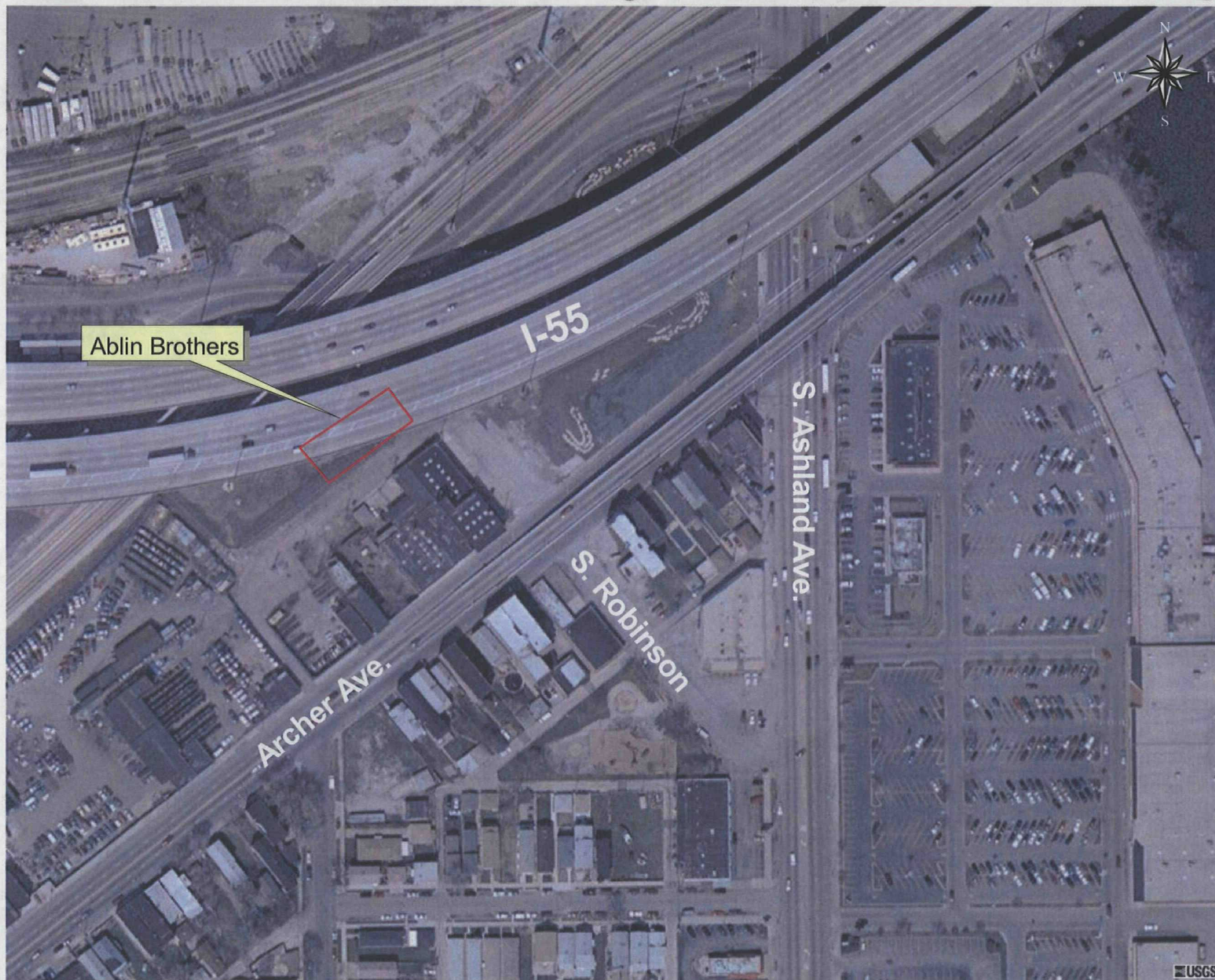
Standard Metal Directory, Eleventh Edition 1948, Bardeen Press, Inc., Atlas Publishing Co., Copyright 1948.

Standard Metal Directory, 1963-1964 Volume XVIII, by Geoffrey J. Nightingale, Copyright 1963, by Standard Metal Directory 525 W. 42nd Street, New York 36, N.Y.

TerraServer-USA, <http://terraserver-usa.com/default.aspx>

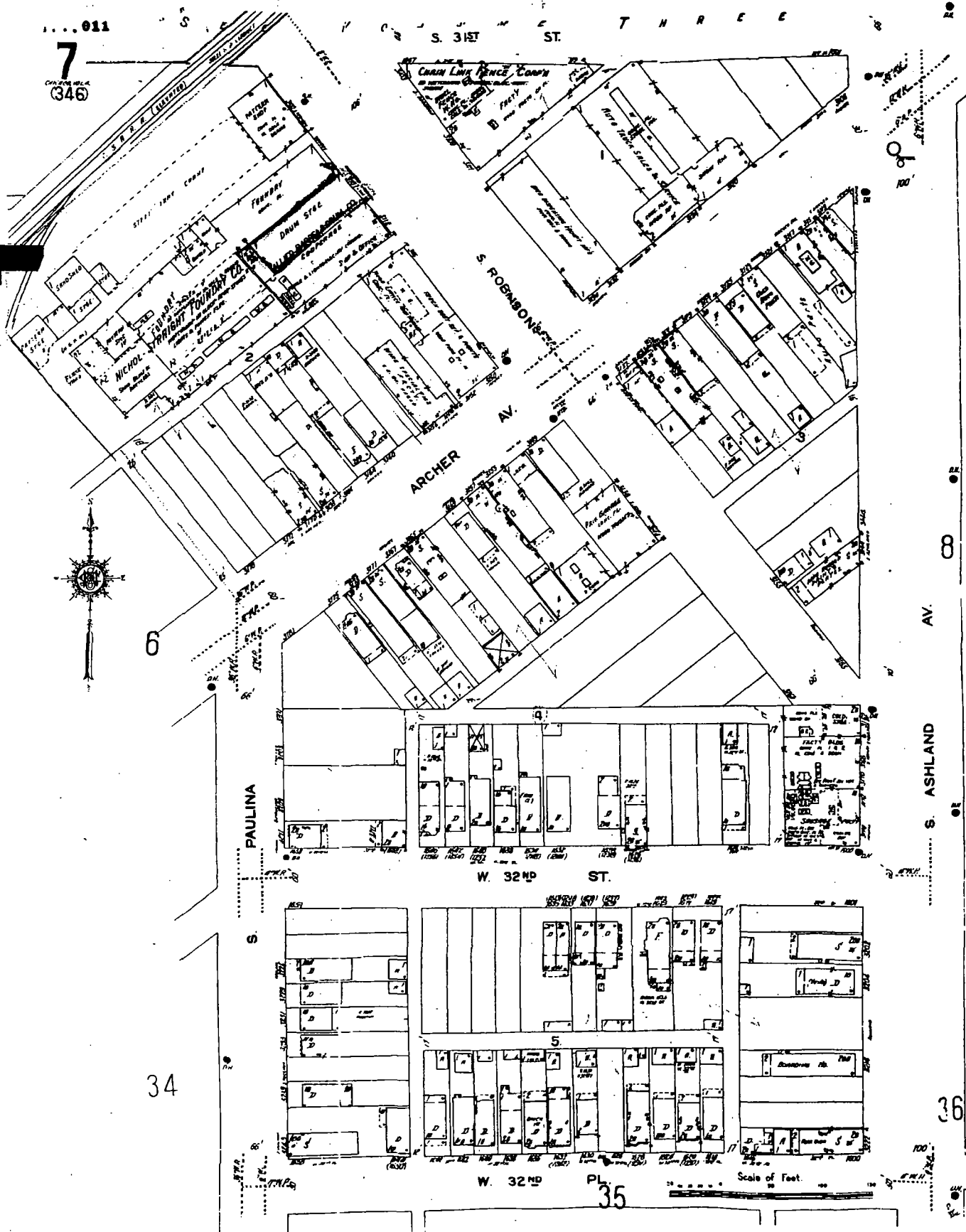


Topographic Map
Former Ablin Brothers Metal Co. & Surrounding Area
Figure 1



TerraServer 1999 Airphoto

Former Location of Ablin Brothers Metal Company
Figure 2



1950 Sanborn Fire Insurance Map
Figure 3



Photo taken toward west.
Former Ablin Bros. site to the left.



Photo toward northwest.
Former Ablin Bros. location.



Photo taken toward the north.
Former Ablin Bros. location.

ATTACHMENT A

**PRE-CERCLIS SCREENING ASSESSMENT
CHECKLIST/DECISION FORM**

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: Kennth W. Corkill, EPS III
1021 North Grand Ave. East, Springfield IL. 62702
ken.corkill@epa.state.il.us
8-22-05
217-524-1664

Site Name: Ablin Brothers Metal Company

Previous Names (if any):

Site Location: 3108 S. Robinson Street
Chicago, IL. 60608-6103

Latitude: N 41 50.233' **Longitude:** W 87 40.041'

Complete the following checklist. If Ayes is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?		X
5. Is some other program actively involved with the site (Federal, VCP, State, or Tribal)?		X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA Corrective Action, FIFRA, or Brownfields)?		X
8. Is there insufficient data (provided by the State) to verify that a release has occurred or has the potential to occur (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?		X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (i.e., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, EPA approved risk assessment completed)?		X

Please explain all yes answer(s), attach additional sheets if necessary:

Refer to Decision Rationale section on following page.

Site Determination:

~ Yes Enter the site into CERCLIS. Further assessment is recommended (explain below).

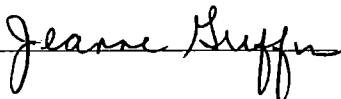
X No The site is not recommended for placement into CERCLIS (explain below).**DECISION/DISCUSSION/RATIONALE:**

Currently, there are no structures at this location nor are there any surrounding this property to the west, north, or east. This property location is now utilized as a base for concrete support pilings for Interstate 55. The property is Illinois Department of Transportation Right-of Way and enclosed with eight foot high chainlink fence. Current condition of the ground surface at the former business has been observed to be a gravel cover over which grass and weeds have grown and surrounded by fencing. None of the informational resources used to evaluate this location suggest any smelting operations existed at this location. Historical Sanborn Fire Insurance Maps from 1906, 1914, and 1950 were reviewed for evidence that would suggest any metallurgical or smelting operations occurred at the 3108 S. Robinson St. address. No reference was made on any of the maps that would suggest smelting operations occurred at that address. The Cook County Assessor's Office website and three editions of the Standard Metal Directory (1940, 1948-1949, and 1963-1964) were used to determine if there was any reference to a smelter at the Ablin Brothers Metal Co. Based on the information available, it appears metallurgical activity may have occurred on site, however no smelting activity was noted.

Review of the available information suggests that past and current conditions at the former Ablin Brothers Metal Co. site, 3108 S. Robinson St., poses little threat to human exposure, should any contaminants be present.

Regional EPA Reviewer:

Print Name/Signature



Date

9/26/05

State Agency/Tribe:

Print Name/Signature

Date